

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method of setting a timer associated with a protocol supporting a data link in a digital mobile communication system in a connection section comprising a transmitting party and a receiving party, in which method an initial value has been defined for the timer,

the method comprising:

at least one of the parties monitoring if a need to change the timer value has arisen; and

setting the timer value to a value deviating from the initial value, should such a need be detected;

wherein said need to change the timer value is determined repeatedly during a connection, in response to a handover.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) A method as claimed in claim 1, characterized by said setting of the timer value comprising a measurement of a propagation delay associated with the connection section.

5. (Currently Amended) A method as claimed in claim 4, characterized in that, should a need to decrease the timer value be detected, the timer value is decreased by a first step which is substantially lower than the difference between the measured propagation delay and the current timer value.

6. (Currently Amended) A method as claimed in claim 4, characterized in that, should a need to increase the timer value be detected, the timer value is increased by a second step which is substantially higher than the difference between the measured propagation delay and the current timer value.

7. (Previously Presented) A method as claimed in claim 4, characterized by said measurement of the propagation delay comprising the steps of:

either party to the connection transmitting to the other party a frame which is selected/formed such that the party receiving the frame sends an acknowledgement to the transmitting party; and

the party which transmitted the frame measuring the time from the moment of transmission of the frame to the arrival of the acknowledgement and deducing the propagation delay therefrom.

8. (Previously Presented) A method of setting a timer associated with a protocol supporting a data link in a digital mobile communication system in a connection section comprising a transmitting party and a receiving party, in which method an initial value has been defined for the timer,

the method comprising at least one of the parties monitoring if a need to change the timer value has arisen; and

setting the timer value to a value deviating from the initial value, should such a need be detected,

wherein said need to change the timer value is detected from a separate parameter which is read from a database or received from the other party to the connection section at the start of the connection and/or when connection quality changes, such as in handover.

9. (Previously Presented) A method as claimed in claim 8, wherein said parameter indicating if the connection section is set up via a satellite or not.

10. (Previously Presented) A method of setting a timer associated with a protocol supporting a data link in a digital mobile communication system in a connection section comprising a transmitting party and a receiving party, in which method an initial value has been defined for the timer,

the method comprising:

at least one of the parties monitoring if a need to change the timer value has arisen; and

setting the timer value to a value deviating from the initial value, should such a need be detected,

wherein said need to change the timer value being detected on the basis of the location of the mobile station.

11. (Currently Amended) An equipment for setting a timer associated with a protocol supporting a data link in a digital mobile communication system in a connection section, the connection section having both a first party and a second party, the first party being whose first party is said equipment, and which also comprises a second party, the

equipment being adapted to set a predetermined initial value to the timer, the equipment comprising:

at least one party being adapted to monitor if the need to change the current timer value has arisen; and

the equipment being adapted to set the current timer value to a value deviating from the initial value, should such a need be detected, repeatedly during a connection, in response to a handover.

12. (Previously Presented) An equipment as claimed in claim 11, wherein the equipment is a mobile switching centre.

13. (Previously Presented) An equipment for setting a timer associated with a protocol supporting a data link in a digital mobile communication system in a connection section, the connection section having both a first party and a second party, the first party being whose first party is said equipment, and which also comprises a second party the equipment being adapted to set a predetermined initial value to the timer, the equipment comprising:

at least one party being adapted to monitor if a need to change the current timer value has arisen; and

the equipment being adapted to set the current timer value to a value deviating from the initial value, should such a need be detected,

the equipment further comprising or having associated with it a data base comprising a plurality of different cell, location area and/or base station controller-specific timer values.

14. (Previously Presented) An equipment as claimed in claim 11, wherein the equipment is a mobile station.